

### ABSTRACT

*B.7* A multiple catheter system is described. In one embodiment a medical catheter system includes a first catheter having an entrance orifice, an exit orifice, a channel connecting the entrance orifice and the exit orifice, and a wall surrounding the channel. In this embodiment the hardness of the wall surrounding the channel decreases in hardness then increasing in hardness and then decreasing in hardness again when considered from an initial reference point at the entrance orifice and traveling towards the exit orifice. Another medical catheter system includes a first catheter having an entrance orifice, an exit orifice, a channel linking the entrance orifice and the exit orifice, and a first wall surrounding the channel wherein the first wall has a bendable curve memory portion.